



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Dung H. Ky	)	Docket No.:	5953.2-1
Serial No.:	TBD	)	Examiner:	TBD
Filing Date:	Herewith	)	Art Unit:	TBD
For:	SYSTEM AND METHOD FOR SPEECH RECOGNITION AND TRANSCRIPTION	)		)

**PRELIMINARY AMENDMENT**

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Dear Sir:

This preliminary amendment is being filed in connection with the above-referenced application being filed herewith. Prior to examination, please amend the application as follows:

**IN THE SPECIFICATION**

**Please replace the second paragraph on page 6 and 7 of the "Detailed Description of the Drawings" with the following:**

Referring to FIGURE 1B, speech recognition system 10 may be in communication, via a computer network 21 and an interface such as a hub or switch hub 22, with a transcription management system (TMS) 23 operable to manage the distribution and dissemination of the transcribed speech reports. Computer network 21 may be the Internet, intranet or extranet, and is used to transfer and receive data, commands and other information between speech recognition system 10 and transcription management system 23. Suitable communication protocols such as the File Transfer Protocol (FTP) may be used to transfer data between the two systems. Computer 11 may upload data to system 23 using a dial-up modem, a cable modem, an ISDN converter, or like devices (not explicitly shown). The file transfer between systems 10 and 23 may be initiated by either system to upload or download the data. Transcription management system 23 includes a computer and suitable peripherals such as a central data storage 24 which houses data related to various transcription report recipients, the manner in which the transcription reports should be sent, and the transcription reports themselves. Transcription management system is capable of transmitting the transcription reports to the intended recipients via various predetermined modes, such as electronic mail, facsimile, or via a secured web site, and is further capable of sending notifications via pager, email, facsimile, and other suitable manners. Transcription management system 23 is typically in communication with multiple speech recognition systems 10 that perform the speech-to-text function.

**Please replace the third paragraph on page 12 of the "Detailed Description of the Drawings" with the following:**

The received speech waveform is further analyzed to determine how many syllables are in the uttered word, as shown in block 96. As shown in the time varying waveforms shown in FIGURES 5A-5C, a syllable is characterized by a tight grouping of peaks exceeding a predetermined amplitude and separated from other syllables by waveforms having zero or very small amplitudes. Thus, the presence of each syllable can be easily identified and the syllables counted.

### **REMARKS**

Attached is marked up version of the replacement paragraphs to show the amendments.

Applicant believes no fee is due for this Preliminary Amendment. However, the Director is authorized to charge any deficiency fees or credit any overpayments to Deposit Account No. 13-4900 of Munsch Hardt Kopf & Harr, P.C.

Respectfully submitted,



Wei Wei Jeang  
Reg. No. 33,305

Date: Dec. 17, 2001

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**MARKED-UP VERSION TO SHOW AMENDMENTS IN REPLACEMENT PARAGRAPHS**

**Second paragraph on page 6 and 7 of the “Detailed Description of the Drawings”**

Referring to FIGURE 1B, speech recognition system 10 may be in communication, via a computer network 21 and an interface such as a hub or switch hub 22, with a transcription management system (TMS) 23 operable to manage the distribution and dissemination of the transcribed speech reports. Computer network 21 may be [a global computer network such as] the Internet, intranet or extranet, and is used to transfer and receive data, commands and other information between speech recognition system 10 and transcription management system 23. Suitable communication protocols such as the File Transfer Protocol (FTP) may be used to transfer data between the two systems. Computer 11 may upload data to system 23 using a dial-up modem, a cable modem, an ISDN converter, or like devices (not explicitly shown). The file transfer between systems 10 and 23 may initiated by either system to upload or download the data. Transcription management system 23 includes a computer and suitable peripherals such as a central data storage 24 which houses data related to various transcription report recipients, the manner in which the transcription reports should be sent, and the transcription reports themselves. Transcription management system is capable of transmitting the transcription reports to the intended recipients via various predetermined modes, such as electronic mail, facsimile, or via a secured web site, and is further capable of sending notifications via pager, email, facsimile, and other suitable manners. Transcription management system 23 is typically in communication with multiple speech recognition systems 10 that perform the speech-to-text function.

**Third paragraph on page 12 of the “Detailed Description of the Drawings”**

The received speech waveform is further analyzed to determine how many syllables are in the uttered word, as shown in block 96. As shown in the time varying waveforms shown in FIGURES 5A-5C, a syllable is characterized by a tight grouping of peaks exceeding a predetermined amplitude and separated from other syllables by waveforms having zero or [ver] very small amplitudes. Thus, the presence of each syllable can be easily identified and the syllables counted.